## CONCRETE & CONSTRUCTIONAL ENGINEERING INDEX FOR VOLUME LXI, 1966

Aggregates, A proposal to regulate grading of 113	BOOK REVIEWS	
Analysis of continuous slabs supported on columns 449	Architect's Guide to Site Management, by R. Green	102
,, ,, multistorey buildings stiffened by shear-	Aspects of Civil Engineering Contract Procedure, by R. J. Marks, A. Grant and P. W. Helson	102
walls 335	Bailey and Uniflote Handbook, Ed. by J. A. E.	202
Arches, A rapid method for the preliminary analysis of	Hathrell	358
parabolic 17	Building Technicians' Pocket Diary	32
AUTHORS	Cement and Concrete Engineering, by E. N.	
Armishaw, J. W., et al., on The distribution of	Simons	32
shear in rectangular beams 119, 157, 183	Civil Engineering Construction, by J. M. Antill and	
Banerjee, B., et al., on Economics of bridge design 87, 295 Bennett, E. W., on The design of prestressed	P. W. S. Ryan	204
Bennett, E. W., on The design of prestressed	Composite Construction in Concrete and Steel, by H. T. Yan	3.2
members subjected to axial force and bending. 267 Brand, R. E. on Steel scaffold structures 439	Comprehensive Industrialised Building Systems	3.0
Brand, R. E., on Tubular scaffolding 107, 149	Comprehensive Industrialised Building Systems Annual 1965, by A. F. L. Deeson	15
Brewster, D. W., et al., on Analysis of continuous	Concrete Architecture of Riccardo Morandi, by G.	
sighs supported on columns 449	Boaga and B. Boni	252
Brewster, D. W., et al., on The Thetatron 205	Concrete Technology and Practice, by W. H. Taylor	187
Bunni, N. G., et al., on The distribution of shear in	Contemporary Forming Methods, by L. Mohacsy Design Charts for Members Subjected to Biaxial	204
rectangular beams	Bending and Thrust, by F. N. Pannell	358
composite prestressed concrete beams 135	Design of Prestressed Concrete in Accordance with	33
Cusens, A. R., on Analysis of slabless stairs 359	Design of Prestressed Concrete in Accordance with S.A.A. Code, by H. J. Cowan and P. R. Smith	4II
Cusens, A. K., et at., on Charts for the design of neu-	Design Textbooks in Civil Engineering. Vols. 1 to 4,	-
cal stairs with fixed supports 47	by S. Leliavsky	66
Davies, J. D., et al., on Pressure of granular materials 303	Formwork for Modern Structures, by Sir F. Snow	101
Dhillon, R. S., on Analysis of multistorey buildings	Formwork to Concrete, by C. K. Austin Frank Lloyd Wright's Falling Water, by B. Zevi and	204
stiffened by shear-walls	E. Kaufmann Ir.	252
analysis of multistorey rigid frames 245	General Theory of Flexural Reinforced Concrete, by	
Douglas, A. H., on A rapid method for the prelim-	U Ceanholm	148
inary analysis of parabolic arches 17	Handbook of Rigging for Constructional and Industrial Operations, by W. E. Rossnagel Industrialised Building 2: Fifty International Methods, by R. M. E. Diamant	
Evans. R. H., et al., on Shrinkage and deflection of	Industrial Operations, by W. E. Rossnaget	204
composite prestressed concrete beams 133	Methods by P. M. F. Diamant	15
Fazio, P., et al., on Experimental study of a con- tinuous two-span folded-plate structure 431	Introduction to Prestressed Concrete: Vol. 2, by P.	*3
Gallia, A., on The design of octagonal pile-caps 163	W. Abeles	447
Hanrahan, E. T., on Porewater pressure in con-	Kempe's Engineers Year-book, 1966 Lighting of Vehicular Traffic Tunnels, by D. A.	66
crete 03	Lighting of Vehicular Traffic Tunnels, by D. A.	
Jackson, H, on Leakage in concrete structures at	Schreuder	32
formwork ties 407	Management in Civil Engineering, by E. A. Parsons, D. M. O'Herlihy and R. H. Rowe	102
Kennedy, J. B., et al., on Experimental study of a	Oscar Faber's Constructional Steelwork Simply	102
continuous two-span folded-plate structure  Larnach, W. J., on Computed parameters for axially-	Explained, by J. Faber	80
loaded non-prismatic members 191, 208	Oualitative Study of Buildings, by R. B. White	425
Morgan, V. A., on Biaxial bending: an alternative	Reinforced and Prestressed Concrete in Torsion, by	-
approach 305, 413, 455	H. J. Cowan	328
Nessim, A. A., et al., on Analysis of continuous slabs	Reinforced Concrete Design Tables, by N. M.	200
supported on columns	Thadani Rohrforderung von Beton, by R. Weber	259
Nessim, A. A., et al., on Elastic analysis of rectangular slabs supported at corners	School Buildings, by K. Otto	252
gular slabs supported at corners	Shell Roof Analysis, by A. Paduart	259
Neville, A. M., et al., on The distribution of shear in	Significance of Tests and Properties of Concrete and	
rectangular beams	Concrete-making Materials	358
Pannell, F. N., on Basic application of virtual work	Spon's Architect's and Builder's Price Book 1965-	2.7
methods to slab design	Steel Space Structures, by Z. S. Makowski	32
Pannell, F. N., on Design of rectangular plates with banded orthotropic reinforcement 371	Structural Concrete in South Africa, by R. Fredman	32
Pannell, F. N., on Economical distribution of rein-	Bridge design, Economics of 8;	7. 295
forcement in rectangular slabs 229	Building materials conference	380
Pannell, F. N., on Edge conditions in flat plates 290, 380	BUILDINGS	
Pannell, F. N., on General principle of superposition	Analysis of multistorey buildings stiffened by shear-	225
in the design of rigid-plastic plates 323	County Hall, Truro	335 322
Pannell, F.N., on Non-rectangular slabs with ortho-	Examination of older concrete buildings	425
Rotbart, P., on Sections subjected to temperature	Hospital at Barking	35
and direct stress 144	Industrialised building (see'Industrialised Building')	
Rozvany, G. I. N., on Minimum volume of uncur-	Lightweight concrete building	116
tailed orthogonal reinforcement in freely-sup-	New concrete construction in the U.S.A 39	1, 453
ported slabs 281, 289	Police station, West Hendon	16
Santathadaporn, Sakda, et al., on Charts for the	Some unusual new buildings  Charts for the design of helical stairs with fixed	55
design of helical stairs with fixed supports 47	supports	47
Sawko, F., et al., on Economics of bridge design 87, 295 Stephens, G. L., et al., on Pressure of granular	Chimneys, New concrete	24
materials 303	Coignet system of industrialised building	99
Tarzi, A. I., et al., on Elastic analysis of rectangular	Cold weather, Concreting in	38
slabs supported at corners 420	Composite prestressed concrete beams, Shrinkage and	***
Award, A commercial-literature 379	deflection of	135
Awards Architectural	Computed parameters for axially-loaded non-prismatismembers	1, 208
Basic application of virtual-work methods to slab	Computers and reinforcement	342
Poans of triangular cross-section, Properties of 33	Concrete Society, The	2, 402
Bending and thrust, Circular members subjected to 113	Conoids, Membrane analysis of parabolic	147
Biaxial bending: an alternative approach 365, 413, 455	Construction in the U.S.A., New concrete 39	11, 453

Construction work overseas .				39	Journal, New concrete	326
Cooling towers, British Standar	d for	2. 0	**	379	Leaks in concrete structures at formwork ties	407
Creep and shrinkage of lightwei	ght con	32, 84, 114 crete	1, 259,	377		103
Deflection of composite prestre	essed co	oncrete be	anys,	203	Materials Pressure of granular	303
Shrinkage and				135		379
Design and construction of pres- tures			truc-	380	Members subjected to axial force and bending, Design	267
				163	of prestressed	113
,, prestressed members s	ubjecte	d to axial i	force		Membrane analysis of parabolic conoids	147
and bending  Design of rectangular plates wi	th band	ed orthoty	ropic	672	Minimum volume of uncurtailed orthogonal reinforce-	-10-
reinforcement			topic	371	ment in freely-supported slabs 281, Multistorey frames and interconnected shear-walls	289
Detailing and scheduling reinfo	rcement	t	* *	461	Multistorey frames and interconnected shear-walls subjected to lateral loads	262
with the aid of compu	ters			462	Non-prismatic members, Computed parameters for	
Distribution of shear in rectang Economic design by the ultima	te-load	method	9, 157,	183 453	axially-loaded	208
Economical distribution of re	inforce	ment in	rect-	433	Notation for reinforced and prestressed concrete,	383
angular slabs			* 2	229	Formulae and	184
Economics of bridge construction	on .		87,	295	Nuclear power station, Cooling-water system at Wylfa	78
Edge conditions in flat plates . EDITORIAL NOTES			290,	300	" " Sizewell	34
Assessment of building mater	ials and	l processes	s	427	On-site systems of industrialised building,	20
British Concrete Institute .				45	Some 5. 67. 95.	131
Building and The Government Collapse of cooling towers	it			225 82	Pierced shear-walls	425
Computers and reinforcement			301,	342		163
Concrete in the New World .				381	Plates, Edge conditions in flat 290.	380
Concrete Society				266	, General principle of superposition in the design	3
Congresses and exhibitions Decade of development				155	of rigid-plastic	323
Design responsibility .				343	,, with banded orthotropic reinforcement, Design of rectangular	
Detailing reinforcement .		. 117	7, 188,		Porewater pressure in concrete	371 63
Industrialised building .	in .		**	3	Power stations, Concrete construction at	74
Interpretation of the new Bu Metric system and dimension	al co-or	dination	5	43	Pressure of granular materials	303
New urban roads in Britain	at co-or	dination		153 345	Prestressed concrete members subjected to axial force and bending, Design of	267
New words				428	" structures, Design and construc-	20/
Noteworthies	8 k		4.8	44	tion of	380
Practical yield-line analysis . Prestressed concrete congress			* *	263	Prize designs, 'Concrete and Constructional Engineer- ing'	
Professional responsibilities				156	Public Works Exhibition 29,	102
Road construction industry .			* *	264	Quantities by computers, Interim valuations and	94
Speed—and concrete Structural engineer and indus	tula line	d building		189		32
Structural lightweight concre	te	a building	**	227 81	Rapid method for the preliminary analysis of parabolic arches	
Structural steel and reinforce	d concr	ete	161.	228	Reinforcement, Detailing 188, 341,	461
This journal				429	Reservoir in Essex. Large prestressed concrete	27
Elastic analysis of rectangula corners	r slabs	supporte	d at		Road rederation meeting, international	464
Experimental study of a contin	nous tw	o-span fol	ded.	420		148
plate structure		o opan to		431		347
Factory-made components: tall	buildin	igs, Indust			Safety in civil engineering	106
ised-building systems with .			173,	217	Scaffold structures, Steel	439
Floor finishes, Revised code for Folded-plate structure, Exper	imenta	study o	of a	148	Sections subjected to temperature and disent stand	149
continuous two-span				431		183
Football stand, Galashiels .				37	Shear-walls, Analysis of multistorey buildings still-	203
Formulae and notation for reini	forced a	and prestre	essed	184	fened by	335
Formwork ties, Leaks in concre	te struc	tures at	* *	407	Shepley, The late Eric	425 186
Foundation construction: recen	t examp	ples		275	Shrinkage and deflection of composite prestressed	100
engineering, Develo	pments	in	* *	94	concrete beams	135
Frames, Use of computers in t	m for	loveis of m	101,	467	of lightweight concrete, Creep and	103
storey rigid	ne ana	iyas or m	uiti	245	Simplified method of analysing free-standing stairs Slab design, Basic application of virtual-work methods	42
General principle of superposi-	tion in	the desig	n of	-45		200
rigid-plastic plates			**	323	Slabs, Economic distribution of reinforcement in	
Grading of aggregates, Proposal	to regi	mate		113	rectangular	229
Gunite-coated pipes in sea-wate INDUSTRIALISED BUILD	ING	* * *	**	403	,, , Minimum volume of uncurtailed orthogonal re- inforcement in freely-supported 281,	280
Proprietary and other systems					" supported at corners, Elastic analysis of rect-	209
Bison wall-frame			* *	217	angular	420
BRS Battery moulds				67		383
Cebus				316		223
Derby Method				98	Stairs, Analysis of slabless	359
G80			**	131	Simplified method of analysing free-standing	42
I.D.C			**	253	,, with fixed supports, Charts for the design of	
Public building frame .			255.	287		47
Reema			11	173	Stress in short tensioned wires, Measurement of	439
Spacemaker			++	182	Structural engineer, Industrialised building and the	261
Taylor Woodrow—Anglian .			* *	180	steel v. reinforced concrete 161,	228
Tracoba			**	132	Subway, Precast concrete Sulphate-resisting Portland cement, New British	327
Industrialised building, An asse	ssment			40	Standard for	300
, Some or	1-site sy	estems 5, 6	57, 95,	131	Temperature and direct stress, Sections subjected to	144
and the	Structu	rral engine	J.O.	261	Thetatron experiment, The 205,	251
Industrialised-building systems	with (	onents 253	287	212	Tunnels, Developments in precast concrete for Use of computers in the analysis of multi-storey rigid	235
71 11 11	, fac	tory-made	8	3.3	frames	245
components: tall buildings			173,		Valuations and quantities by computers. Interim	94
Institution for technicians Jetty at Kingsnorth power state				260	Water-towers, Some new Wires, Measurement of stress in short tensioned	30
letty at Kingsnorth power stati				23		

